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MYL12A, 1-171aa, Human, His tag, E.coli

产品货号: TP03060

第三版

别名: Myosin regulatory light chain 12A, MLCB, MRCL3, MRLC3, MYL2B.

描述: MYL12A, also known as myosin regulatory light chain 12A, plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. This protein implicated in cytokinesis, receptor capping, and cell locomotion. Recombinant human MYL12A protein, fused to His-tag at Nterminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 22.4 kDa (195aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMSSKRTKTKTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLH
DMLASLGKNPTDEYLDAMMNEAPGPINFMTFLTMFGEKLNQDPEDEVIRNAFACFDEEATGTIQEDYLRELLTTMGDRF
TDEEVDELYREAPIDKKGNFNYIEFTRILKHGAKDKDD

纯度: > 95% by HPLC

浓度: 0.25 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.